



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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No. 37] NEW DELHI, SATURDAY, SEPTEMBER 12, 1992 (BHADRA 21, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
 [Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
 [Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE

#### PATENTS AND DESIGNS

Calcutta, the 12th September 1992

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 Unit No. 401 to 405, III Floor,  
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Patent Office, (Head Office),  
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 5th, 6th and 7th Floor,  
 234/4, Acharya Jagadish Bose Road,  
 Calcutta-700 020.

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Officers or by bank draft or cheque, payable to the Controller drawn on a schedule bank at the place where the appropriate office is situated.

## पेटेंट कार्यालय

एकार्थ तथा अभिकल्प

कलकत्ता, दिनांक 12 सिन्धूवर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवधित है तथा बम्बई, दिल्ली एवं मुम्बई में इसके शास्त्र कार्यालय हैं, जिनके प्रादूर्धक क्षेत्राधिकार जोन के आगाम पर निम्न नं. में विद्यित हैं—

पेटेंट कार्यालय शास्त्र, टोडी इस्टेट, तीसरा तल, लोधर परलेन (पश्चिम), बम्बई-400013।

कलकत्ता, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, बम्बन तथा दिव एवं दादरा और नागर हवेली।

भारत पता—“पेटेंटफिल्स”

पेटेंट कार्यालय शास्त्र, एकम सं. 401 से 405, तीसरा तल, नगरानीलिका बाजार भवन, सरस्वती मार्ग, करोल बाग, बम्बई विल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र अंडमान तथा दिल्ली।

भारत पता—“पेटेंटोफिक्स”

## SPECIAL NOTICE

The Patents (Amendment) Rules, 1972 have come into force with effect from 26th June 1992 vide S.O. No. 468 (E) dated 26th June 1992 of the Ministry of Industry (Department of Industrial Development), notified in the Gazette of India, Extraordinary, Part-II, Section-3, Sub-Section (ii) dated 26th June 1992. Therefore, fees due under any proceeding of the Patents Act, 1970 and the Rules thereunder should be paid according to the said amended Rules.

## CORRIGENDUM

In the Gazette of India Part III, Sec. 2, dated the 15th April, 1989, page 365, Col. 1, delete “OPPOSITION” in 23rd line and read “AMENDMENT” Proceedings Under Sec. 57.

In the Gazette of India Part III, Sec. 2, dated the 8th April 1989, page 355, Col. 1, for application for patent No. 193/Mas/87 filed on 18th March 1987, read the applicant as Hoechst Aktiengesellschaft instead of Hoeschast Aktiengesellschaft.

In the Gazette of India Part III, Sec. 2, dated the 15th April 1989 page 375, Col. 2, for application for patent No. 271/Cal/85 filed on 10th April 1985 read the applicant as Stopinc Aktiengesellschaft instead of Stopinc Aktiengesellschaft.

In the Gazette of India Part III, Sec. 2, dated the 22nd April 1989, (a) In page 386, Col. 1 for application for patent No. 1095/Del/85 filed on 20th December 1985 read its accepted No. as 164608.

पेटेंट कार्यालय शास्त्र,

61, बालाजाह रोड,

बम्बन 600003।

आनंद प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप मिनिस्ट्री तथा अमिनिस्ट्री व्यवस्था।

भारत पता—“पेटेंटफिल्स”

पेटेंट कार्यालय (प्रधान कार्यालय)

तिजाम पैलेस, दिवसीय बहुतलीय कार्यालय,

भवन, 5, 6 तथा 7था तल,

234/4, आचार्य जगदीश बोस रोड,

कलकत्ता-700020।

भारत का अधिकार क्षेत्र

भारत पता—“पेटेंट्स”

पेटेंट अधिकार, 1970 या पेटेंट नियम, 1972 में अप्रिक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के क्षेत्र उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या सी नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा ड्राक आवेदन या अहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट अथवा चीक दबाव की जा सकती है।

(b) In page 396, Col. 1, for application for patent No. 216/Mas/85, filed on 21st March 1985, read its accepted No. as 164623.

In the Gazette of India Part III, Sec. 2, dated the 29th April 1989. (a) In page 416, Col. 1, for application for patent No. 21/Cal/86 filed on 13th January 1986, read the applicant as Orissa Cement Ltd., instead of Orissa Cement Ltd.

(b) In page 420, Col. 1, for application for patent No. 103/Del/86 filed on 3rd February 1986, read its accepted No. as 164659.

In the Gazette of India Part III, Sec. 2, dated the 6th May 1989. (a) In page 441 Col. 1 for application for patent No. 772/Cal/79 filed on 26th July 1979 read the applicant as Corning Glass Works, instead of Cornig glass Works.

(b) In page 445, Col. 1, for application for patent No. 67/Cal/87 filed on 21st January 1987 read the applicant as Klein Schanzin & Becker Aktiengesellschaft instead of Klein Schanzin & Becker Aktiengesellschaft.

In the Gazette of India Part III, Sec. 2, dated the 20th May 1989. (a) In page 503, Col. 1, for application for patent No. 705/Cal/85, filed on 4th October 1985 read the applicant as “TRUTZSCHLER GMBH & CO. KG. instead of “TRUTZSCHLER GMBH & CO. KG.

(b) In page 514, Col. 2, for application for patent No. 471/Del/85 filed on 12th June, 1985 read its accepted No. as 164755.

## THE PATENT OFFICE

Calcutta, the 12th September 1992

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20

The dates shown in the crescent branch are the dates claimed under section 135, of the patents Act, 1970.

3rd August 1992

546/Cal/92. Chital Rangan Mukherjee, Flying Pedalled cyclo.

547/Cal/92. Orbital Walbro Corporation, Fuel and air injection for Multi-Cylinder Internal Combustion Engines.

548/Cal/92. U.S. West Advanced Technologies, Inc. and International Computer Science Institute. Auditory Model for Parametrization of Speech.

549/Cal/92. U.S. West Advanced Technologies, Inc. Speech Synthesis using perceptual linear prediction parameters.

550/Cal/92. Elliott Turbomachinery Co. Inc. Compressor Control System to improve turndown and reduce incidents of Surging. [Divided out of No. 343/Cal/90. Antedated to 25-4-90].

551/Cal/92. ECP-Enichem Polymeres France S.A. Process for the on-line Grafting of Carboxylic Acids and Carboxylic Acid Anhydrides Containing an Ethylenic Unsaturation onto Ethylene Homopolymers or copolymers and Installation for the implementation of this process.

552/Cal/92. York International Corporation. AC Motor Drive System.

4th August 1992

553/Cal/92. Copeland Corporation. Scroll Machine With Reverse Rotation Protection.

554/Cal/92. Nightingale Kenny International Pty. Ltd. Fruit or Vegetable peeler or sheller. (Conventional Nos. are PK0910, PK7631, PK8701 and dated 14-2-92, 7-8-91, 2-10-91 are respectively).

555/Cal/92. Hoechst Aktiengesellschaft. Water soluble phthalocyanine dyestuffs, processes for their preparation and their use.

556/Cal/92. Samsung Electron Devices Co. Ltd. A Phosphor Slurry Composition for color Braum Tubes.

557/Cal/92. Samsung Electron Devices Co. Ltd. A Filming liquid Composition for Colour Braum Tubes.

5th August 1992

558 Cal. 92. Laboratori Guidotti S.P.A. "(-) and (+) 10-(1-AZABICYLO[2,2,2]OCT-3-YL-METHYL)-10 H-Phenothiazine Quaternary Ammonium Derivatives, Pharmaceutical Composition containing them and Process for their preparation.

5th August 1992

559/Cal/92. The Tata Iron &amp; Steel Co. Ltd. Inert Gas Shrouding Device/Process.

560/Cal/92. The Babcock &amp; Wilcox Company. Low Pressure drop dry scrubber.

6th August 1992

561/Cal/92. Stewig GmbH &amp; Co. KG. Werk Berlin. Heat-Reflective Web of Material.

562/Cal/92. Samsung Electronics Co. Ltd. Time-Base Correction in a video Recording/playback system.

7th August 1992

563/Cal/92. General Tire, Inc. Tire Pitch Sequencing for Reduced Tire Tread Noise.

564/Cal/92. Santrade Ltd. Drum, in particular cooling or heating drum.

565/Cal/92. General Tire, Inc. Multiple pitch Sequence Optimization.

566/Cal/92. Hoechst Celanese Corporation. A Process for the preparation of Omega-Arylalkanoic Acids.

567/Cal/92. Merck Patent Gesellschaft mit beschränkter Haftung. Pigment Preparation.

## APPLICATIONS FOR PATENTS FILED IN THE PATENTS OFFICE BRANCH, TODI ESTATES, IIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WPST), BOMBAY-13

30-6-1992

205 Bom/1992. Hoechst India Ltd. Antiarbuthmic and cardioprotective substituted -1 (2H) isoquinolines.

206/Bom/1992. Johnson &amp; Johnson Ltd. An absorbent product such as surgical dressing menstrual protection pad or diaper.

207/Bom/1992. Shri Pradeep Digambar Sawant. Audio / video cassettes stand.

1-7-1992

208/Bom/1992. Eagle Flask Industries Limited. A container for serving chilled drinks.

209 Bom/1992. Eagle Flask Industries. A vacuum flask.

2-7-1992

210, Bom/1992. Mahendrabhai Hansji Panchal. Battery operated bicycle.

6-7-1992

211/Bom/1992. Hindustan Organic Chemicals Ltd. A process for the preparation of a selective catalyst for the production of an olefinic diol.

212/Bom/1992. Hindustan Lever Ltd. EP (designating Great Britain) dt. 2-7-1991 Silicates.

7-7-1992

213 Bom/1992. Shri Amarnath Nilkanth Junnarkar. Portable airstrip for emergency belly landing.

9-7-1992

214/Bom/1992. Hindustan Lever Ltd. UK Priority dt. 11-7-91 &amp; 18-11-91. Process for preparing manganese complexes.

215/Bom/1992. Universal Luggage Manufacturing Co. Ltd. An improved luggage.

216/Bom/1992. Tendolkar Surendra Wattatraya. Super high speed internal combustion engine using fuel injection system for the supply of fuel for developing power.

10-7-1992

217/Bom/1992. Gerard D'Mello. Running a 4-stroke petrol I.C. engine on kerosene fuel.

## APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD MADRAS-600 002

13th July 1992

416/MAS/92. George Zachariah. Permanent Magnet Motor.

417/MAS/92. Snamprogetti S.p.A. Catalyst prepared by a particular preparation method and its use in a process for preparing tertiary olefins from alkyl-tert-alkyl-ethers.

418/MAS/92. Schieferdecker GMBH & CO. KG., Casing-like packaging container of multilayer material and process and device for manufacturing such a packaging container.

419/MAS/92. Ialand Steel Company. (Divisional to Patent Application No. 497/MAS/89).

14th July 1992

420/MAS/92. Girivas Viswanath Shet. A method of making available in India of game from Ceylon.

421/MAS/92. Girivas Viswanath Shet. A method in the form of scheme of protecting cattle and at the same time prevention of slaughter of cows.

422/MAS/92. The Boots Company Plc. (July 27, 1991; Great Britain).

423/MAS/92. Maschinenfabrik Rieter AG. Full bobbin and tube transport in spinning machines.

424/MAS/92. Laube Hans-Lurgen. Unipolar composite magnets and floating magnetic bearing.

425/MAS/92. A Ahlstrom Corporation. Method and apparatus for introducing hot process of flue gases into a gas cooler.

426/MAS/92. WG. CDR. H. C. Singhal. (Microwave diathermy apparatus) M/s. Diatherms India.

15th July 1992

427/MAS/92. Dr. Joseph George. Improvements in or relating to a method of making composite particle board from rice husk and particle boards made thereby.

428/MAS/92. Dr. Joseph George. An improved method of making composite particle boards from rice husk and composite particle boards made thereby.

429/MAS/92. Urea Casale SA. Process and plant for the production of urea with differentiated yield reaction spaces.

430/MAS/92. BASF Aktiengesellschaft. The preparation of the monosodium salt of riboflavin 5'-phosphate.

431/MAS/92. BASF Aktiengesellschaft. Preparation of hydroxylammonium salts.

432/MAS/92. Maschinenfabrik Rieter AG. Full bobbin and tube transport in spinning machines.

16th July 1992

433/MAS/92. Vasudevan Jayaraj. Nodust (disposable nasal) Microfilters.

434/MAS/92. Societe des Produits Nestle S.A. A process and an apparatus for flavouring a soluble coffee powder.

435/MAS/92. Stamicarbon B.V. Process for the preparation of a polyethylene composition. (Divisional to Patent Application No. 395/MAS/89).

17th July 1992

436/MAS/92. Hanumanth Kashinath Walvekar. All directional horizontal wind mill.

20th July, 1992

437/MAS/92. James C Roberts. Drip irrigation tape and method of manufacture.

438/MAS/92. Zeller Closures, Inc. A single wall snap hinge closure for a bottle.

439/MAS/92. Georges Serge Grimberg. Medicine based on neutralized sulphur derivatives.

21st July 1992

440/MAS/92. Timothy Ralston Lang. Extraction method.

441/MAS/92. Idemitsu Kosan Co., Ltd. L-type Zeolite and catalyst for the production of aromatic hydrocarbons.

442/MAS/92. DSM N. V. Process for preparing an-amino the corresponding ester and amide.

22nd July 1992

443/MAS/92. Zellweger Uster, Inc. Topological map maker.

444/MAS/92. Savio S.p.A. Improved method for pneumatic threading in a twister with a double hollow mandrel spindle.

445/MAS/92. Zellweger Uster, Inc. Apparatus for monitoring trash in a fiber sample.

446/MAS/92. Amsted Industries Incorporated. Apparatus and method for sprue removal and grinding of railway wheels.

447/MAS/92. TT. Limited. A gasket off-set device suitable for pressure cookers, pressure pans and the like.

23rd July 1992

448/MAS/92. Khoday Lakshmansa Sribhari. "EFTTREAT" 24th July 1992

449/MAS/92. Jose Vettukalil Emmanuel. A dental prosthetic endosseous implant system.

450/MAS/92. Foseco International Limited. A process for the production of an article of bonded particulate material. (December 24, 1987; Great Britain); (Divisional to Patent Application No. 873/MAS/88).

451/MAS/92. Crain Industries, Inc. Three stage cooling of porous materials.

452/MAS/92. Raychem Limited. Corrosion Protection System. (July 25, 1992; Great Britain).

453/MAS/92. Katsu Manufacturing Co., Ltd. Pellet making machine for producing pellets from strand.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, III RD FLOOR, KAROL BAGH, NEW DELHI-110005.

29th June 1992

563/Del/92. Council of Scientific & Industrial Research, "A process for the preparation of surface modified aluminium zinc binary alloy useful as an anode for use in alkaline cells/batteries; an anode made thereof and an alkaline cell/battery incorporating the anode".

564/Del/92. Imperial Chemical Industries PLC, "Chemical process". (Convention date 16th July 91) (U.K.).

565/Del/92. Centre National D' Etudes Spatiales, "Method of recording and processing an image and imaging instrument for the implementation of this method".

566/Del/92. Rohm & Haas Co., "Vinyl monomer composition with accelerated surface cure".

567/Del/92. Rohm & Haas Co., "Multi-staged binder for use in elastomeric coatings, mastic coatings, caulks, and sealants".

568/Del/92. Rohm & Haas Co., "Printable, pressure sensitive adhesive article".

569/Del/92. Rohm & Haas Co., "Process for the preparation of a redispersible core-shell polymer".

570/Del/92. Imperial Chemical Industries PLC, "Synthesis gas production". (Convention date 9th July, 9th September, 11th October, 30th October 1991) (U.K.).

30th June 1992

571/Del/92. Bhagwan Prasad Agrawal, "A high thrust electric point machine, rotary type of locking with independent switch locking and detection for operation of straight switches, curved switches, high speed turn outs, double slips & moveable diamonds in railway trade which needs thrust upto 1,500 Kg.

572/Del/92. Kauwar Gaurav Raghava, "A funnel".

573/Del/92. R.P. Raghava, "A process for the anti-bacterial, insect controlling powder for storages".

574/Del/92. Council of Scientific & Industrial Research, "A process for the preparation of an alloy useful as a corrosion resistant and antifouling metallic substrate for marine applications".

575/Del/92. Council of Scientific & Industrial Research, "A device for purifying smoke emitting from furnaces".

576/Del/92. Council of Scientific & Industrial Research, "An improved process for the preparation of aluminosilicate gel useful for the manufacture of detergent grade zeolite".

577/Del/92. Council of Scientific & Industrial Research, "An improved process for the manufacture of detergent grade zeolite from aluminosilicate gel".

578/Del/92. Jean Guigan, "Apparatus for drawing off and dispensing a predetermined and constant quantity of a liquid".

1st July 1992

579/Del/92. The Procter & Gamble Co., "Detergent compositions containing polyhydroxy fatty acid amide surfactants and a clay softening system". (Convention date 8th July 91) (U.K.).

580/Del/92. Mauro Ghigo, and MARCO Ghigo, "Disposable safety syringe".

3rd July 1992

581/Del/92. Maria Rosalia Garcia Nunez, "Germicidal composition containing iodine compound".

582/Del/92. Pradeep Kumar Rohatgi, "Synthesis of metal matrix composites".

583/Del/92. Exxon Chemical Patents, Inc., & Other, "Living carbocationic polymerization process".

6th July 1992

584/Del/92. Bedros Eunduklian, "An improved process for making soap".

585/Del/92. De La Rue Giori S.A., "Intaglio printing machine".

7th July 1992

586/Del/92. Stanadyne Automotive Corp., "Fuel system for rotary distributor fuel injection pump".

8th July 1992

587/Del/92. Shell Internationale Maatschappij B.V., "Heat treatment of bauxite". (Convention date 10th July 91) (U.K.).

9th July 1992

588/Del/92. Continental Electronics Corporation, "Amplifier with multiple switched stages and noise suppression".

10th July 1992

589/Del/92. Shriram Institute for Industrial Research, "Polymeric compositions".

590/Del/92. Shriram Institute for Industrial Research, "Polymeric compositions".

591/Del/92. Shriram Institute for Industrial Research, "Polymeric compositions".

592/Del/92. Shriram Institute for Industrial Research, "Polymeric compositions".

593/Del/92. Sir Padampat Research Centre, "An improved process for the manufacture of coloured acrylic fiber".

594/Del/92. Sir Padampat Research Centre, "An improved process for the manufacture of master batch of polyacrylonitrile and its copolymers".

595/Del/92. Colgate-Palmolive Co., "Liquid household cleaning composition with insect repellent".

596/Del/92. Colgate-Palmolive Co., "Liquid household cleaning composition with insect repellent".

597/Del/92. Bernd Kos, and other, "Method to separate metallic phases from other phases containing same and device to carry out the method".

## ALTERATION OF DATE UNDFR SECTION 16

171310--Antedate to October 19, 1987.

(1015/Cal/1990)

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classification given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

## स्वीकृत सम्पूर्ण विनिर्देश

एहमवारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुबान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्भय को रिपिथ से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि को समाप्त के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक भाहीने की अवधि से अधिक न हो, के भीतर कभी भी नियत्रक, एकत्र को एसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी जिसित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर हो फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप है”।

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतिरूप, भारत सरकार वुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक वर्च) : मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतिरूप थोड़ा कोई हों, के साथ विनिर्देशों की दृष्टिकोण अथवा फोटो प्रतिरूप की आपूर्ति पेटेंट कार्यालय, कलकत्ता व्यारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय रे पत्र-व्यवहार द्वारा सुनिश्चित ढरने के आशान उसकी अदायगी पर को जोड़कर उसे 4 से गुण करके; (व्योमिक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो विप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl. 37 B C, 80 H

171301

Int. Cl. 9 B, 09 B 1/00, 3/00, 7/00, 9/00, 11/00

## “IMPROVEMENTS IN DECANTING TYPE CENTRIFUGES”

Applicant : THOMAS BROADBENT & SONS LIMITED OF HUDDERSFIELD, WEST YORKSHIRE. HD1 3EA, ENGLAND.

Inventors : (1) GEOFFREY LUTHER GRIMWOOD, (2) JOHN WRIGHT.

Application No. 871/Cal/83 filed on July 13, 1983

(Conventional No. 8220297, dated July 13, 1982, U.K.)

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

## 12 Claims.

An improved decanting type centrifuge with a main bowl which is adapted to be rotated about its longitudinal axis and which contains a helical scroll conveyor which is arranged to rotate about said main bowl axis at a slightly different speed to the main bowl forscrolling separated solids to a solids discharge end of the bowl, the improvement comprising means which, in use, act to isolate a gas volume radially inwardly of the inner liquid surface within the main bowl, and passage means enabling gas to be extracted continuously from said gas volume to a location external to the main bowl, said gas isolating means comprising annular plates discs or floating weir plates.

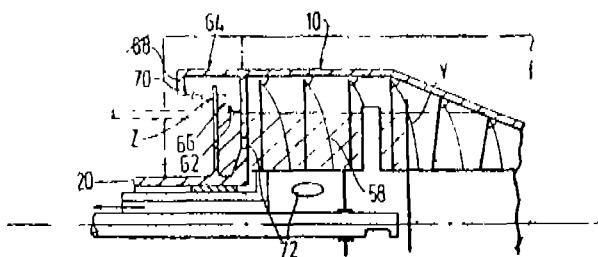


Fig. 1

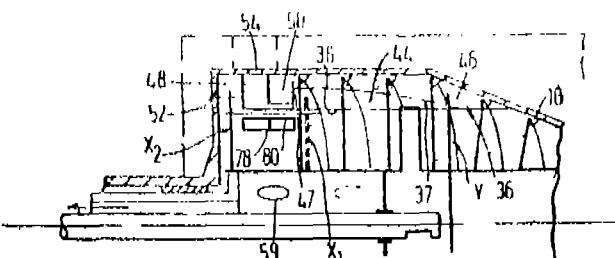


Fig. 2

Compl. specn. 21 pages Drgns. 7 sheets.

Cl. 128 G K

171302.

Int. Cl. A 61 L 2/00, 2/14.

## “A STERILIZING PROCESS AND APPARATUS”.

Applicant : SURGIKOS, INC. OF 5200 ARBROOK BLVD. ARLINGTON, TEXAS 76010. UNITED STATES OF AMERICA.

Inventors : (1) HAROLD ROBERT WILLIAMS, (2) ROBERT MCCOY SPENCER.

Application No. 352/Cal/1988 filed May 2, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

## 39 Claims.

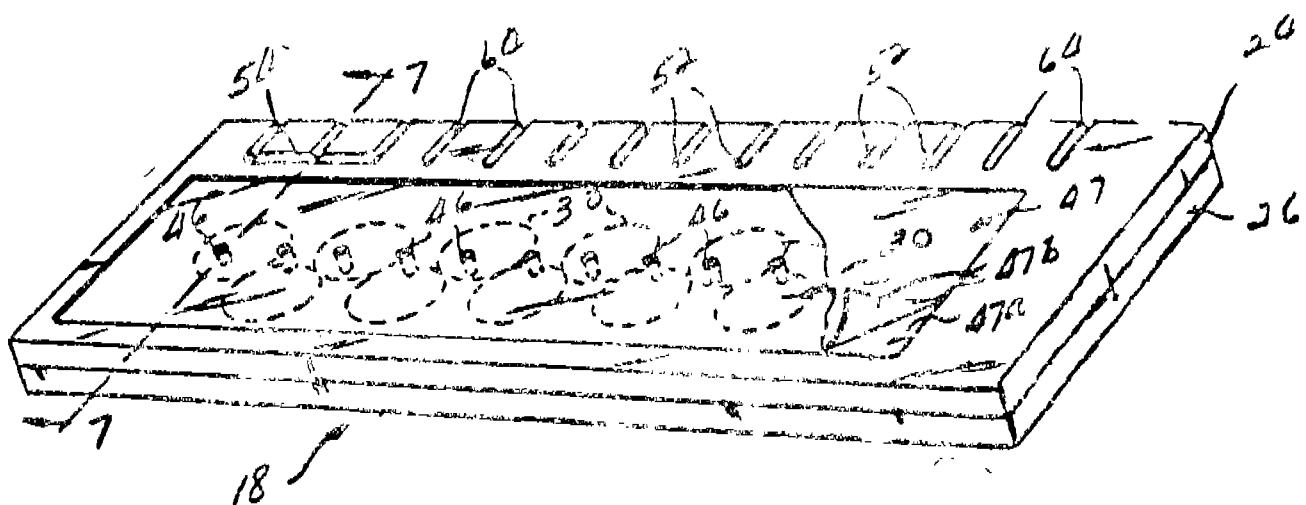
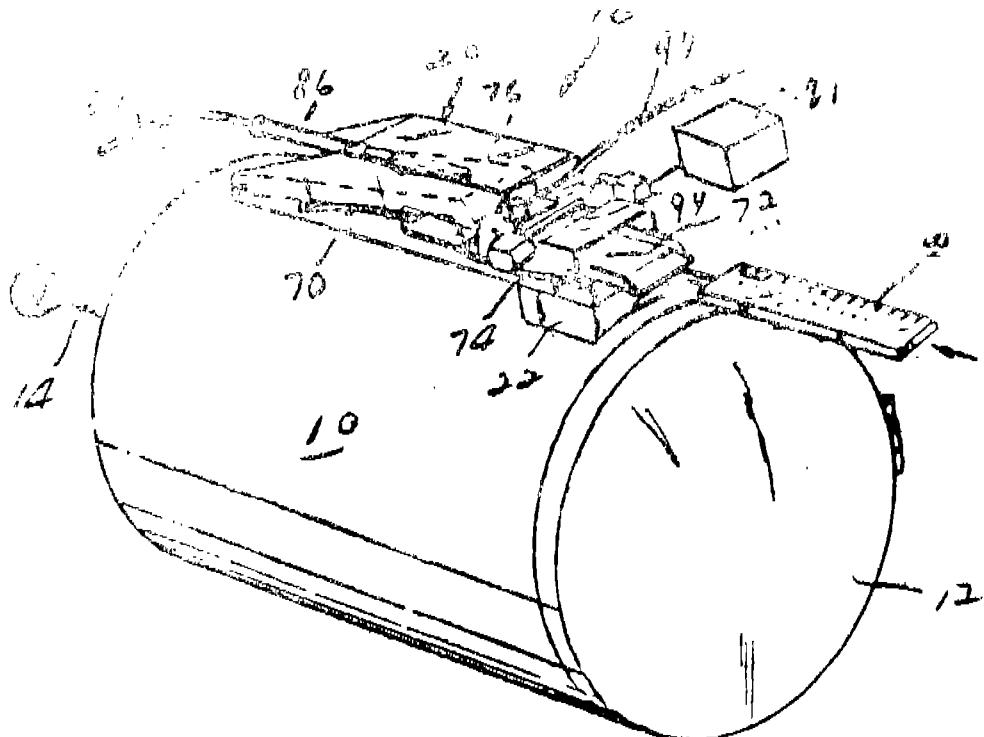
A process for sterilizing, comprising the steps of :

Placing an item to be sterilized in a chamber having a pumping mechanism connected to the chamber;

inserting into said mechanism atleast one unpressurized sealed cell containing a dose of liquid such as herein described to be used in said process, said dose of liquid

being precisely measured in relation to the volume of said chamber and the sterilizing process to be performed therein; and

connecting said cell to said chamber to inject the entire dose of liquid into chamber.



Compl. specn. 33 pages. Drawings. 5 sheets.

Cl. 128 G K.

171303

29 Claims.

Int. Cl. A 61 L 2/00, 9/00.

## "A FLUID DELIVERY CASSETTE"

Applicant : SURGIKOS, INC OF 5200 ARBROOK BLVD, ALINGTON, TEXAS 76010, UNITED STATES OF AMERICA,

Inventors : (1) HAROLD ROBERT WILLIAMS, (2) ROBERT MCCOY SPENCER.

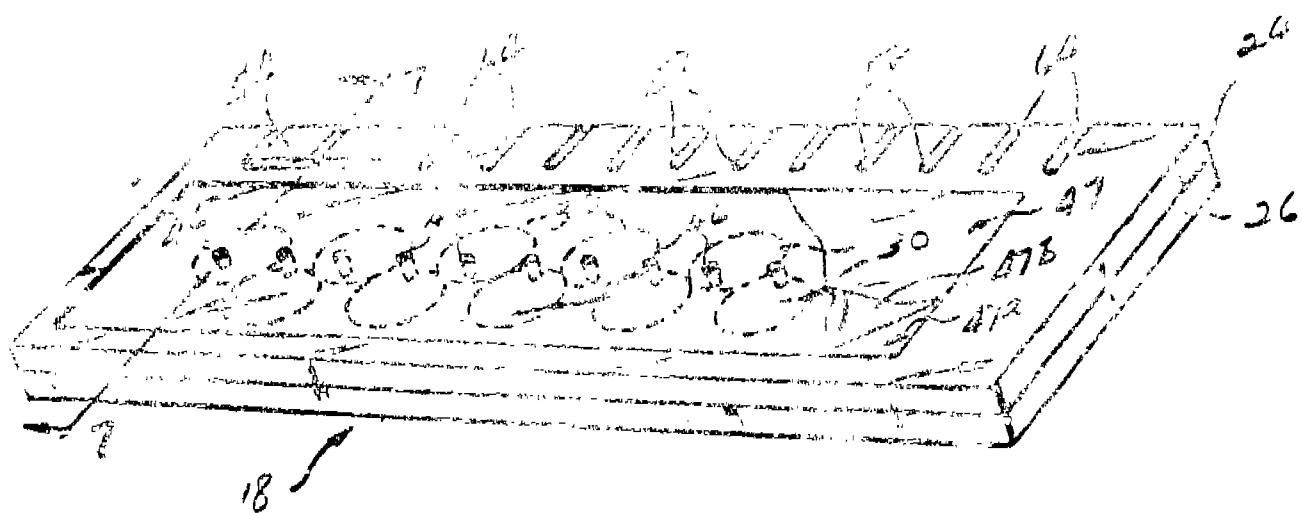
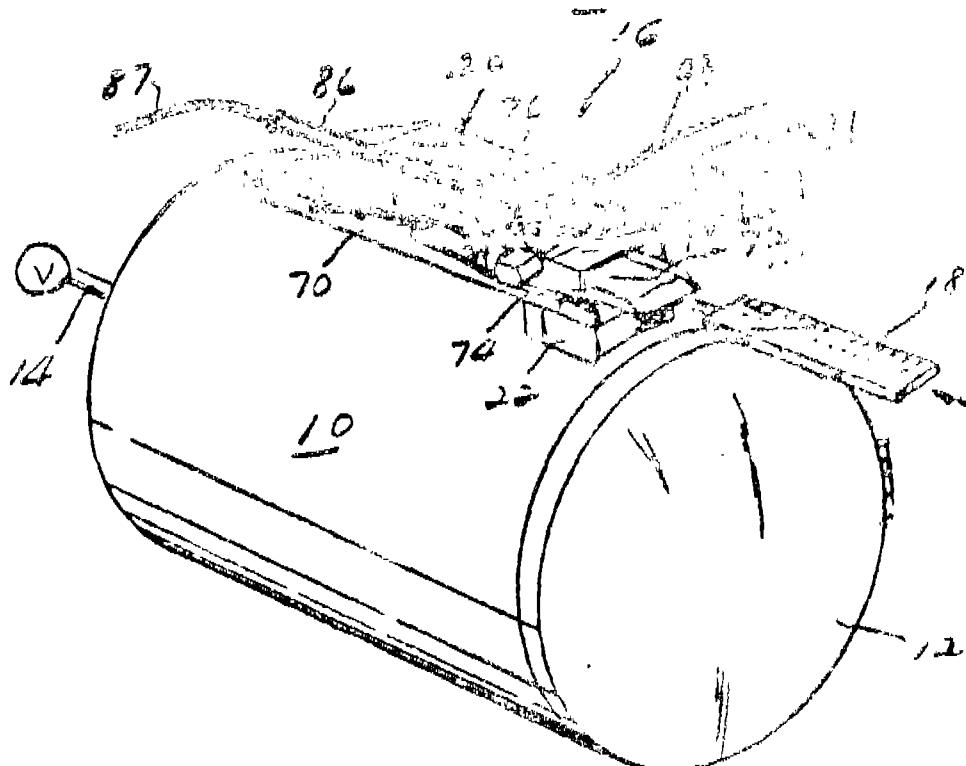
Application No. 353/Cal/1988, filed on May 2, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

A fluid delivery cassette, comprising :

relatively rigid walls defining at least a compartment having a delivery wall and a pressure wall; and

a fluid-containing cell positioned within said compartment and sealed to said yalls, said cell including amovable wall on a pressure side of the cell, said compartment having a hold in the delivery wall through which fluid may be ducted out of said cell, and having an aperture in the pressure wall through which pressure may be applied against said movable wall to force fluid out of said cell.



Compl. specn. 33 pages. Drawns. 5 sheets.

GT 156 A F H

171304

18 Claims.

Int. Cl. F 04 H 12/00

#### "ELEMENT FOR AN EXCHANGE COLUMN"

Applicant : NORTON COMPANY, OF 1 NEW BOND STREET, WORCESTER, STATE OF MASSACHUSETTS 01605-2698, UNITED STATES OF AMERICA.

Inventor : (1) FRANK RUKOVENA (JR.).

Application No. 433 /Cal/1988 filed on May 27, 1988.

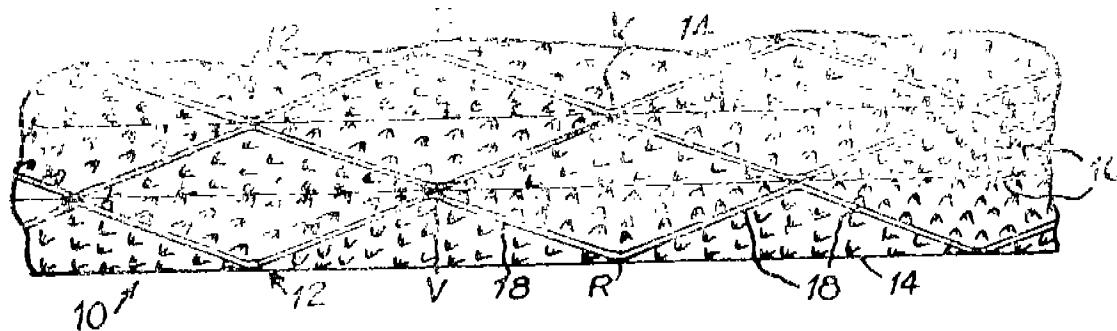
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

A packing element for an exchange column comprising a plurality of preformed sheets of predetermined size and wall thickness situated adjacent one another, each preformed sheet having a plurality of elongated inclined troughs including elongated ridges (R) and valleys (V) on each side of the preformed sheet and disposed at an angle opposite to and crossing the elongated inclined troughs, ridges, and valleys of an adjacent sheet of the packing element.

each inclined trough having an elongated valley (V) on one side and an elongated ridge (R) on an opposite side of the preformed sheet, converging inclined sidewalls and surfaces extending upwardly to the elongated ridge from bottoms of the valleys of adjacent elongated inclined troughs,

wherein the sheets are formed, such as by embossing, so as to have a plurality of hollow protuberances with perforated peaks projecting a predetermined distance from and beyond each side of the converging inclined side walls

and surfaces of the inclined trough, each perforated peak having a relatively small opening extending through the peak and surrounded by edges of a portion of a wall about the peak.



Compl. specn. 18 pages. Drgns. 1 sheet.

Cl. 145 E 3

Int. Cl. D 21 C 3/00.

**"METHOD OF PRODUCING CELLULOSIC PULP FOR PAPER MAKING"**

Applicant : PUNYA BRATA CHAUDHURI, OF 35 B & INVENTOR LAKE PLACE, CALCUTTA-700029, WEST BENGAL, INDIA.

Application No. 1044/Cal/1988, dated December 19, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

**10 Claims.**

Method of producing cellulosic pulp for paper making comprising defibration of a fibrous raw material consisting e.g. of wood chips, straw bagasse, or reed characterised in that the fibrous raw material is impregnated by an aqueous solution of sodium carbonate, the fibrous raw material thus impregnated by sodium carbonate is charged in a first pressure vessel, at pressure 1-8 bar and at a temperature below boiling temperature, the material in the first pressure vessel being acidified by supplying sulphur dioxide in a stoichiometric amount in relation to the sodium carbonate to the first pressure vessel, said sulphur dioxide reacting with said sodium carbonate to form sodium sulphite and carbon dioxide, which reaction at least partly taking place in situ in the fibrous raw material, the material in the first pressure vessel thereafter for a short duration between 3-70 sec being heated by saturated steam at a pressure of 20-100 bar, at temperature between 235°C and 300°C to further stimulate said reaction, the material thereafter being suddenly discharged and caused to expand in a vessel at an essentially lower and essentially constant pressure of 2-10 bar.

Compl. specn. 11 pages. Drgns. 1 sheet.

2—237 GI/92

171305

Cl. 105 C, 190

171306

Int. Cl. G 01 N 3/00.

**"A CONTINUOUS MEASURING APPARATUS FOR MEASUREMENT OF ACCUMULATED MECHANICAL FATIGUE OF VIBRATING MEMBERS"**

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : (1) ROBERT PAUL KENDIG, (2) ROGER ANGELO LUCHETA, (3) FRANCIS SPEED MCKENDREE.

Application No. 49/Cal/1989, filed on January 18, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

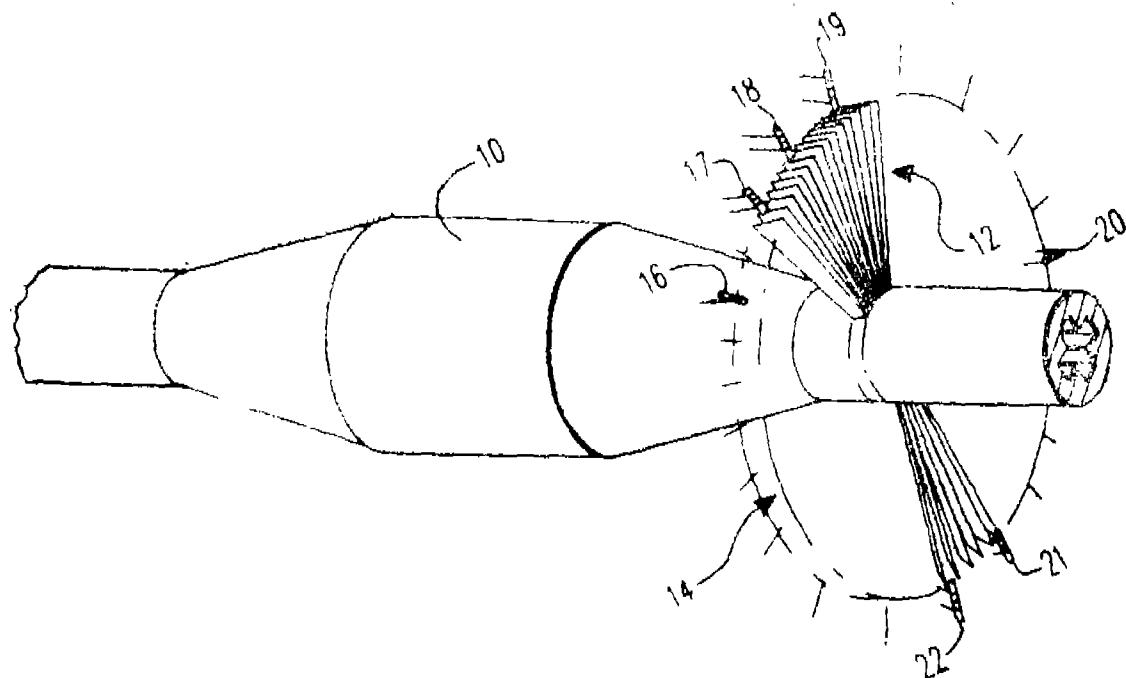
**10 Claims**

A continuous measuring apparatus for measurement of accumulated mechanical fatigue of vibrating members (12) such as turbine blades so as to compute 'fatigue usage' as a measure of accumulated fatigue to learn regarding a remaining life of the vibrating members before fatigue breakdown, said apparatus comprising :

sensor means (16, 22) mounted proximate to said vibrating members for generating a displacement signal indicating displacement of said vibrating member caused by vibration of the member; and

fatigue accumulation means (28, 30) comprising data processing and storage units for calculating 'fatigue usage'

in the member in dependence upon the displacement signal.



Compl. Specn. 15 pages.

Draws. 3 sheets

Cl. 126A

171307

6 Claims

Int. Cl. : G 01 D 21/00.

#### AN ELECTRICAL TEST DEVICE FOR POWER DISTRIBUTION.

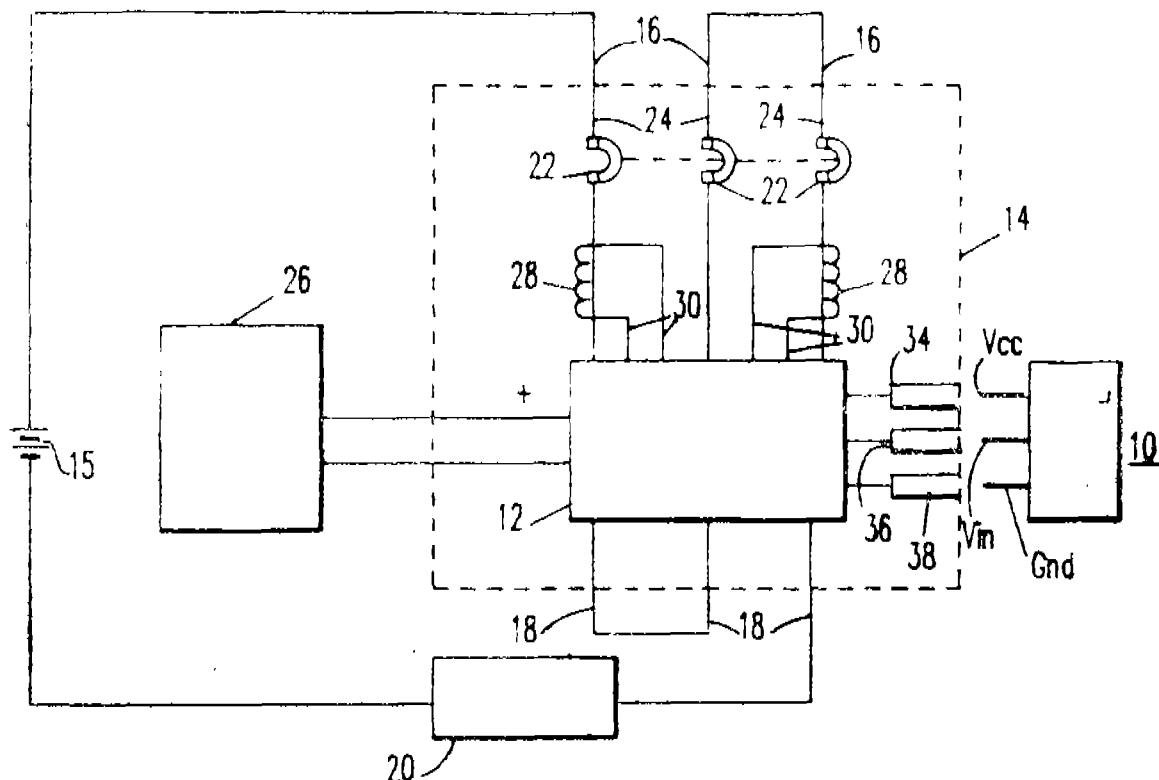
Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: CHRISTOPHER GERALD WALKER.

Application No. 152/Cal/1989, filed on February 22, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

An electrical test device for power distribution with current conductors, including a circuit interrupter connected to the current conductors and including an electronic trip unit having solid state components; a current sensor on at least one of the conductors and having leads extending to the solid state components; a source of power for the electronic trip unit; characterized by an electronic test unit for monitoring the trip unit characteristics and having first, second, and third circuits; the first circuit extending from one lead of the current sensor to a ground potential and including a first switch, a light-emitting diode, and a current limiting resistor; the second circuit extending from one leads of the current sensor to an input test signal conductor and including the first switch, a first resistance, a potentiometer, and a second switch, the first resistance setting the lower limit of adjustability of the potentiometer; the third circuit extending from the input test signal conductor to the ground potential and including the second switch, the potentiometer, a second resistance, and the second resistance setting the upper limit of adjustability of the potentiometer; whereby the test unit is internally powered by the source of power for the trip unit.



Compl. Specn. 10 pages.

Drgns. 2 sheets

Cl. 85 J.

171308

Int. Cl. F 23 C, 11/02.

## FLUIDIZING COMBUSTION CHAMBER.

Applicant: METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000, FRANKFURT AM MAIN, WFRG GERMANY.

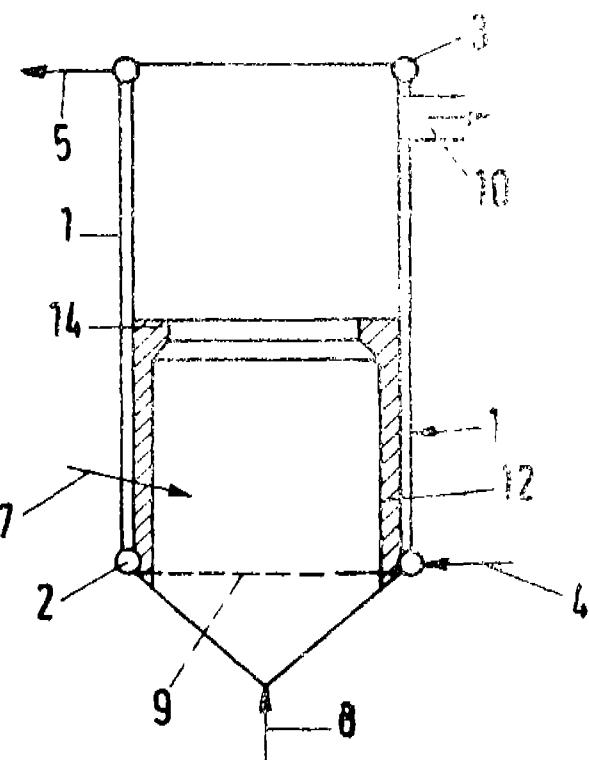
Inventors: (1) GERT BORNEMANN, and (2) HANS-JURGEN HEIBEL.

Application No. 274/Cal/89, filed on April 10, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

4 Claims

A combustion chamber for combusting finegrained fuels in a fluidized bed at temperatures from 700 to 1100 °C, comprising a refractory lining provided in the lower portion of the chamber on the inside surface of the water-cooled wall of the combustion chamber, characterized in that the lining has at its top end a cornice which is enlarged in width.



Compl. Specn. 7 pages.

Drgns. 1 sheet

Cl. 32 F 1

171309

Int. Cl. C 07 C 43/00.

## "PROCESS FOR THE PREPARATION OF 3, 4'-DICHLORODIPHENYL ETHER."

Applicant: HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

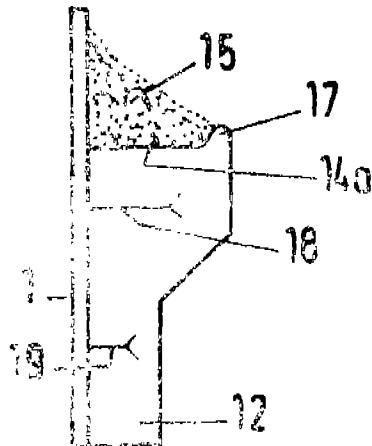
Inventors: (1) THFODOR PAPENFUHS, (2) HANS SCHUBERT, (3) REINER HESS.

Application No. 990/Cal/1990, filed on November 22, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 9 Claims

A process for the preparation of 3, 4'-dichlorodiphenyl ether from 1, 3-dichlorobenzene and 4-chlorophenol which comprises mixing 1 mol of 4-chlorophenol with 2 to 6 mol of initially introduced 1, 3-dichlorobenzene and 1 to 3 mol of potassium carbonate in 1 to 5 mol of a dipolar aprotic solubilizer which boils above 160°C, at temperatures of 160°C to 190°C with stirring, then adding 0.01 to 1 mol-% of basic copper carbonate of the formula  $Cu(OH)_2 \cdot CuCO_3 \cdot 0.5 H_2O$  and heating with stirring to 170 to 173°C while removing the water formed by distillation, then optionally adding further 4-chlorophenol with the proviso that from the start the amount of 1, 3-dichlorobenzene present in terms of moles is always 1 to 3 mol greater than the totally added amount of 4-chlorophenol and, if desired, additionally adding basic copper carbonate of the formula mentioned if at the start less than 0.1 mol-% had been added, additionally stirring within the last-mentioned temperature range and finally working up after allowing to cool to obtain the desired product.



Compl. Specn. 11 pages.

Drgns. 1 sheet

Cl. 172 F; 155 A; 34-D1

171310

Int. Cl. 4 D 01 D 10/00, D 04 H 5/00.

## "PROCESS FOR MAKING POLYESTER BONDED PRODUCTS."

Applicant: E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor: ILAN MARCUS.

Application No. 1015/Cal/1990; filed on December 06, 1990.

[Divided out of No. 813/Cal/1987; antedated dated to 19-10-1987.]

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 9 Claims

Process for making a polyester bonded product comprising the steps of heating an assembly of fiberballs of average dimension of between 2 to 15 mm consisting essentially of randomly—arranged, entangled, spirally—crimped polyester fiberfill having a cut length of between 10 to 100 mm, intimately blended with binder fibers in amount of between 5 to 50% by weight of the blend to obtain a heat bonded product and thereafter cooling the heat treated product, the binding temperature of the binder fibers being lower than the softening temperature of the polyester fiberfill.

Compl. Specn. 37 pages.

Drwgs. 3 sheets

## CLAIM UNDER SECTION 20 (1) OF THE PATENTS ACT, 1970

Claims made by WABASH NATIONAL CORPORATION, a Delaware Corporation, of 1000 S Sagamore Parkway, Lafayette, Indiana 47905, U.S.A., Under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 170215 in their name has been allowed.

Claims made by WABASH NATIONAL CORPORATION, a Delaware Corporation, of 1000 S Sagamore Parkway, Lafayette, Indiana 47905, U.S.A., under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 170266 in their has been allowed.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy:—

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## PATENT SEALED

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Cal-11, Del-1, Mas-9 &amp; Bom-3

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of sealing.

D-DRUG Patent, F-FOOD Patent.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Brady International Inc, of 23535 Telo Avenue, Torrance, California 90505, U.S.A. have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their Patent No. 169331 for "Rice bran processing apparatus".

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

## RENEWAL FEES PAID

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## CESSATION OF PATENTS

152234 152235 152245 152254 152269 152273 152274 152275  
 152276 152277 152288 161348 165269.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Sec. 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 163974. Monica Chawla, Proprietress (an Indian national), trading as Kiddie Kraft, 20 Roshanara Road, Palace Cinema Building, Delhi-7, India. "Baby Walker". January 01, 1992.

Class 1. No. 163975. Monica Chawla, Proprietress (an Indian national), trading as kiddie Kraft, 20 Roshanara Road, Palace Cinema Building, Delhi-7, India. "Baby Walker". January 01, 92.

Class 3. No. 163989. Vinay Food Products Limited, Indian Co. of 51, Shrinath Industrial Estate, P.O. Kochaisawroli, Taluka—Talasari, District Thane-401 606, Maharashtra, India. "Bottle". January 07, 92.

Class 3. No. 164323. Omnis Chemtech (P) Ltd. Indian Co. of 36/6, C.N. Roy Road, Calcutta-700 039, West Bengal, India. "Basket". May 04, 92.

Class 3. No. 164335. The Assam Company Limited, Indian Co. of 52 Chowringhee Road, Calcutta-700 071, West Bengal, India. "Pouch". May 06, 92.

## COPYRIGHT EXTENDED FOR THE 2ND PERIOD OF FIVE YEARS

Nos. 159185, 159186, 159187, 159188, 159189, 159190, 159191, 159192, 159193, 159194, 159195, 159196, 159197, 159198, 159199.... Class 3.

R. A. ACHARYA  
 Controller General of Patents, Designs and  
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